

As a below-named inventor, I hereby declare that:

COPY

#### TYPE OF DECLARATION

This declaration is of the following type: {check one applicable item below}

Original       Design       Supplemental

**NOTE:** If the declaration is for an International Application being filed as a divisional, continuation or continuation-in-part application do not check next item; check appropriate one of last three items.

National Stage of PCT

**NOTE:** If one of the following 3 items apply, then complete and also attach ADDED PAGES FOR DIVISIONAL, CONTINUATION OR CIP.

Divisional       Continuation       Continuation-in-part (CIP)

#### INVENTORSHIP IDENTIFICATION

My residence, post office address and citizenship are as stated below next to my name, I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

#### TITLE OF INVENTION

Urease-Based Vaccine and Treatment for  
Helicobacter Infection

#### SPECIFICATION IDENTIFICATION

the specification of which:

(a)  is attached hereto.

(b)  was filed on \_\_\_\_\_ as \_\_\_\_\_ Serial No. 0 \_\_\_\_\_ / \_\_\_\_\_ ;  
or \_\_\_\_\_ Express Mail No., as Serial No. not yet known, \_\_\_\_\_ and was  
amended on \_\_\_\_\_ (if applicable).

(c)  was described and claimed in PCT International Application No. \_\_\_\_\_ filed on  
\_\_\_\_\_ and as amended under PCT Article 19 on \_\_\_\_\_ (if any).

#### ACKNOWLEDGEMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56(a).

In compliance with this duty, there is attached an information disclosure statement.  
37 CFR 1.97.

any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

(d)  No such applications have been filed.

(e) Such applications have been filed as follows.

**NOTE:** Where item (c) is entered above and the International Application which designated the U.S. claimed priority, check item (e), enter the details below and make the priority claim.

EARLIEST FOREIGN APPLICATIONS, IF ANY FILED WITHIN 12 MONTHS  
(6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

(3) INDIVIDUAL OR ENTITY WHICH IS THE CUSTODIAN OF INVENTION

ALL FOREIGN APPLICATION(S), IF ANY FILED MORE THAN 12 MONTHS  
(6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

**POWER OF ATTORNEY**

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

The registered attorneys listed below and members of or associates in the law firm of LYON & LYON, 611 West Sixth Street, 34th Floor, Los Angeles, California 90017, Registration No. 11,611, whose members are all admitted to the Bar of the State of California:

Roland N. Smoot	Reg. 18,718	Richard E. Lyon, Jr.	Reg. 26,300	Roy L. Anderson	Reg. 30,240
Conrad R. Solum, Jr.	Reg. 20,467	John D. McConaghay	Reg. 26,733	David B. Murphy	Reg. 31,125
James W. Geriak	Reg. 20,233	William C. Steffin	Reg. 26,811	Bradford J. Duft	Reg. 32,219
Robert M. Taylor, Jr.	Reg. 19,848	Coe A. Bloomberg	Reg. 26,605	James C. Brooks	Reg. 29,898
Samuel B. Stone	Reg. 19,297	J. Donald McCarthy	Reg. 25,119	Jeffrey M. Olson	Reg. 30,790
Douglas E. Olson	Reg. 22,798	John M. Benassi	Reg. 27,483	and	
Robert E. Lyon	Reg. 24,171	James J. Shalek	Reg. 29,749		
James J. Short	Reg. 25,922	Allan W. Jansen	Reg. 29,035		
Robert C. Weiss	Reg. 24,939	Robert W. Dickerson	Reg. 29,914		
William E. Thomson, Jr.	Reg. 20,719	Kenneth D'Alessandro	Reg. 29,144		

\* \* \* \* \* Reg. No. \* \* \* \* \*

{check the following item, if applicable}

Attached as part of this declaration and power of attorney is the authorization of the above-named attorney(s) to accept and follow instructions from my representative(s).

Address all future communications to:

**LYON & LYON**  
611 West Sixth Street, 34th Floor  
Los Angeles, California 90017  
**(213) 489-1600**

Attention: Coe A. Bloomberg

knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

SIGNATURE(S)

Full name of sole or first inventor Pierre Michetti

Inventor's signature KM

Date Feb 19th, 1994

Country of Citizenship \_\_\_\_\_

Residence \_\_\_\_\_ Avenue D'Ouchy 25

Post Office Address CH-1006 Lausanne  
Switzerland

Full name of second joint inventor, if any Irène Corthesy-Theulaz

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_

Country of Citizenship \_\_\_\_\_

Residence \_\_\_\_\_

Post Office Address \_\_\_\_\_

X Continued on added page for Inventor's Data.

CHECK BELOW IF ANY OF THE FOLLOWING ADDED PAGE(S) FORM A PART OF THIS DECLARATION

Signature for third and subsequent joint inventors. Number of pages added \_\_\_\_\_.

Signature by administrator(trix), executor(trix) or legal representative for deceased or incapacitated inventor. Number of pages added \_\_\_\_\_.

Signature for inventor who refuses to sign or cannot be reached by person authorized under 37 CFR 1.47. Number of pages added \_\_\_\_\_.

\* \* \*

X Added pages to Combined Declaration and Power of Attorney FOR DIVISIONAL, CONTINUATION OR  
CONTINUATION-IN-PART (CIP) APPLICATION. Number of pages added 1.

\* \* \*

Authorization of attorney(s) to accept and follow instructions from representative. Number of pages added \_\_\_\_\_.

\* \* \*

If no further pages form a part of this Declaration, then end this Declaration with this page and check the following item:

This Declaration ends with this page.

## FOR SIGNATURE BY THIRD AND SUBSEQUENT INVENTORS

Full name of third joint inventor, if any André Blum

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_ Country of Citizenship \_\_\_\_\_

Residence \_\_\_\_\_

Post Office Address \_\_\_\_\_  
\_\_\_\_\_

Full name of fourth joint inventor, if any Catherine Davin

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_ Country of Citizenship \_\_\_\_\_

Residence \_\_\_\_\_

Post Office Address \_\_\_\_\_  
\_\_\_\_\_

Full name of fifth joint inventor, if any Rainier Haas

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_ Country of Citizenship \_\_\_\_\_

Residence \_\_\_\_\_

Post Office Address \_\_\_\_\_  
\_\_\_\_\_

Full name of sixth joint inventor, if any Jean-Pierre Kraehenbul

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_ Country of Citizenship \_\_\_\_\_

Residence \_\_\_\_\_

Post Office Address \_\_\_\_\_  
\_\_\_\_\_

/seventh  
~~sixth~~

Full name of ~~sixth~~ joint inventor, if any Emilia Saraga

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_ Country of Citizenship \_\_\_\_\_

Residence \_\_\_\_\_

Post Office Address \_\_\_\_\_  
\_\_\_\_\_

ADDED PAGE TO COMBINED DECLARATION AND POWER OF ATTORNEY  
FOR DIVISIONAL, CONTINUATION OR CONTINUATION-IN-PART APPLICATION

CLAIM FOR BENEFIT OF EARLIER U.S./PCT APPLICATION(S) UNDER 35 U.S.C. 120

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56(a), which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application.

PRIOR U.S. APPLICATIONS OR PCT INTERNATIONAL APPLICATIONS  
DESIGNATING THE U.S. FOR BENEFIT UNDER 35 USC 120:

U.S. APPLICATIONS

Application Nos.	Filing Date	STATUS		
		PATENTED	PENDING	ABANDONED
07/970,996	Nov. 3, 1992			
08/085,938	July 6, 1993	X		

PCT APPLICATIONS DESIGNATING THE U.S.

Application Nos.	Filing Date	U.S. Serial Nos. Assigned (if any)	STATUS		
			PATENTED	PENDING	ABANDONED

35 USC 119 PRIORITY CLAIM, IF ANY, FOR ABOVE LISTED U.S./PCT APPLICATIONS

ABOVE APPLICATION NUMBER	DETAILS OF FOREIGN APPLICATION FROM WHICH PRIORITY CLAIMED UNDER 35 USC 119		
	Country	Application Number	Date of Filing (day, month, year)

**COMBINED DECLARATION AND POWER OF ATTORNEY**  
(Original, Design, National Stage of PCT, Supplemental,  
Divisional, Continuation or Continuation-In-Part)

As a below-named inventor, I hereby declare that:

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National Stage of PCT

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In compliance with this duty, there is attached an information disclosure statement.  
37 CFR 1.97.

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119 or any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

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**EARLIEST FOREIGN APPLICATIONS, IF ANY FILED WITHIN 12 MONTHS  
(6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION**

COUNTRY	APPLICATION NUMBER	DATE OF FILING (month, day, year)	PRIORITY CLAIMED UNDER 37 USC 119
			YES      NO

**ALL FOREIGN APPLICATION(S), IF ANY FILED MORE THAN 12 MONTHS  
(6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION**

**POWER OF ATTORNEY**

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Robert C. Weiss	Reg. 24,939	Robert W. Dickerson	Reg. 29,914		
William E. Thomson, Jr.	Reg. 20,719	Kenneth D'Alessandro	Reg. 29,144		

XXXXXXXXXXXXXXXXXXXXX Reg. No. XXXXXXXXXXXXXXXX

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Los Angeles, California 90017  
(213) 489-1600

Attention: Coe A. Bloomberg

I hereby declare that all statements made herein or my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

SIGNATURE(S)

Full name of sole or first inventor Pierre Michetti

Inventor's signature will be sent separately

Date \_\_\_\_\_

Country of Citizenship \_\_\_\_\_

Residence \_\_\_\_\_

Post Office Address \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Full name of second joint inventor, if any Irène Corthesy-Theulaz

Inventor's signature Bernie Theulaz

Date 14.2.94 Country of Citizenship Switzerland

Residence 144, Route du Jorat

Post Office Address 1000 Lausanne 26 (VD) Switzerland

Continued on added page for Inventor's Data.

CHECK BELOW IF ANY OF THE FOLLOWING ADDED PAGE(S) FORM A PART OF THIS DECLARATION

Signature for third and subsequent joint inventors. Number of pages added \_\_\_\_\_.

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## FOR SIGNATURE BY THIRD AND SUBSEQUENT INVENTORS

Full name of third joint inventor, if any André BlumInventor's signature ABTDate 17.2.94 Country of Citizenship SwitzerlandResidence Vers le CollègePost Office Address CH 1323 Romannenötier VDFull name of fourth joint inventor, if any Catherine DavinInventor's signature CDDate 17.2.94 Country of Citizenship FRANCEResidence Rue de Moulines 7Post Office Address 1260 NYON VDFull name of fifth joint inventor, if any Rainer HaasInventor's signature Rainer HaasDate 17.2.94 Country of Citizenship GERMANResidence Charlottenstr. 21Post Office Address 72070 TübingenFull name of sixth joint inventor, if any Jean-Pierre KrahenbuhlInventor's signature JPKrahenbuhlDate 17.2.94 Country of Citizenship SwissResidence 1812 RivazPost Office Address 1812 RivazFull name of seventh joint inventor, if any Emilia SaragaInventor's signature MFceyDate 17.02.1994 Country of Citizenship SwitzerlandResidence Lausanne, 21 av du Temple 1012Post Office Address 1012 Lausanne

ADDED PAGE TO COMBINED DECLARATION AND POWER OF ATTORNEY  
FOR DIVISIONAL, CONTINUATION OR CONTINUATION-IN-PART APPLICATION

CLAIM FOR BENEFIT OF EARLIER U.S./PCT APPLICATION(S) UNDER 35 U.S.C. 120.

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56(a), which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application.

PRIOR U.S. APPLICATIONS OR PCT INTERNATIONAL APPLICATIONS  
DESIGNATING THE U.S. FOR BENEFIT UNDER 35 USC 120:

U.S. APPLICATIONS

Application Nos.	Filing Date	PATENTED	STATUS
		PENDING	ABANDONED
07/970,996	Nov. 3, 1992		
08/085,938	July 6, 1993	X	

PCT APPLICATIONS DESIGNATING THE U.S.

Application Nos.	Filing Date	U.S. Serial Nos. Assigned (if any)	PATENTED	STATUS
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35 USC 119 PRIORITY CLAIM, IF ANY, FOR ABOVE LISTED U.S./PCT APPLICATIONS

ABOVE APPLICATION NUMBER	DETAILS OF FOREIGN APPLICATION FROM WHICH PRIORITY CLAIMED UNDER 35 USC 119			
	Country	Application Number	Date of Filing (day, month, year)	Date of Issue (day, month, year)